



Phase II and Phase III Archeological Database and Inventory

Site Number: 18FR21

Site Name: New Jersey Monument

Prehistoric ☒

Other name(s) Wiles I

Historic ☐

Unknown ☐

Brief Description:

Paleoindian (possible), Middle & Late Archaic, and Early, Middle, & Late Woodland short-term resource procurement

Site Location and Environmental Data:

Latitude 39.3741 Longitude -77.3873

Elevation m Site slope 0-8%

Site setting

-Site Setting restricted

-Lat/Long accurate to within 1 sq. mile, user may need to make slight adjustments in mapping to account for sites near state/county lines or streams

Maryland Archeological Research Unit No. 17

SCS soil & sediment code BfA, BtB, Ls

Physiographic province Lancaster/Frederick Low

Terrestrial site ☒

Underwater site ☐

Ethnobotany profile available ☐ Maritime site ☐

Topography

Floodplain ☒ High terrace ☐
Hilltop/bluff ☐ Rockshelter/cave ☐
Interior flat ☐ Hillslope ☐
Upland flat ☐ Unknown ☐
Ridgetop ☐ Other ☐
Terrace ☐
Low terrace ☒

Ownership

Private ☐
Federal ☒
State of MD ☐
Regional/county/city ☐
Unknown ☐

Nearest Surface Water

Name (if any) Monocacy River

Saltwater

Ocean ☐

Estuary/tidal river ☐

Tidewater/marsh ☐

Spring ☐

Minimum distance to water is 50 m

Freshwater

Stream/river ☒

Swamp ☐

Lake or pond ☐

Temporal & Ethnic Contextual Data:

Paleoindian site P

Woodland site

Archaic site

MD Adena

Early archaic

Early woodland Y

Middle archaic Y

Mid. woodland Y

Late archaic Y

Late woodland Y

Contact period site

ca. 1820 - 1860

ca. 1630 - 1675

ca. 1860 - 1900

ca. 1675 - 1720

ca. 1900 - 1930

ca. 1720 - 1780

Post 1930

ca. 1780 - 1820

Unknown historic context

Unknown prehistoric context

Unknown context

Ethnic Associations (historic only)

Native American

Asian American

African American

Unknown

Anglo-American

Other

Hispanic

Y=Confirmed, P=Possible

Site Function Contextual Data:

Prehistoric

Multi-component ☒

Misc. ceremonial ☐

Village ☐

Rock art ☐

Hamlet ☐

Shell midden ☐

Base camp ☒

STU/lithic scatter ☒

Rockshelter/cave ☐

Quarry/extraction ☐

Earthen mound ☐

Fish weir ☐

Cairn ☐

Production area ☐

Burial area ☐

Unknown ☐

Other context ☐

Historic

Urban/Rural?

Domestic

Homestead ☐

Farmstead ☐

Mansion ☐

Plantation ☐

Row/townhome ☐

Cellar ☐

Privy ☐

Industrial

Mining-related ☐

Quarry-related ☐

Mill ☐

Black/metalsmith ☐

Furnace/forge ☐

Other ☐

Transportation

Canal-related ☐

Road/railroad ☐

Wharf/landing ☐

Maritime-related ☐

Bridge ☐

Ford ☐

Educational

Commercial

Trading post ☐

Store ☐

Tavern/inn ☐

Military

Battlefield ☐

Fortification ☐

Encampment ☐

Townsite

Religious

Church/mtg house ☐

Ch support bldg ☐

Burial area

Cemetery ☐

Sepulchre ☐

Isolated burial ☐

Bldg or foundation

Possible Structure ☐

Post-in-ground ☐

Frame-built ☐

Masonry ☐

Other structure ☐

Slave related

Non-domestic agri

Recreational

Midden/dump ☐

Artifact scatter ☐

Spring or well ☐

Unknown ☐

Other context ☐

Interpretive Sampling Data:

Prehistoric context samples

Soil samples taken N

Flotation samples taken N

Other samples taken

Historic context samples

Soil samples taken

Flotation samples taken

Other samples taken



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Diagnostic Artifact Data:

Projectile Point Types	
Clovis	<input type="text"/>
Hardaway-Dalton	<input type="text"/>
Palmer	<input type="text"/>
Kirk (notch)	<input type="text"/>
Kirk (stem)	<input type="text"/>
Le Croy	<input type="text"/>
Morrow Mntn	<input type="text"/>
Guilford	<input type="text"/>
Brewerton	<input type="text"/>
Otter Creek	<input type="text"/>
Koens-Crispin	<input type="text"/>
Perkiomen	<input type="text"/>
Susquehanna	<input type="text"/>
Vernon	<input type="text"/>
Piscataway	<input type="text"/>
Calvert	<input type="text"/>
Selby Bay	<input type="text"/>
Jacks Rf (notch)	<input type="text"/>
Jacks Rf (pent)	<input type="text"/>
Madison/Potomac	<input type="text"/>
Levanna	<input type="text"/>

Prehistoric Sherd Types

Marcey Creek	<input type="text"/>	Popes Creek	<input type="text"/>	Shepard	<input type="text"/>	Keyser	<input type="text"/>
Dames Qtr	<input type="text"/>	Coulbourn	<input type="text"/>	Townsend	<input type="text"/>	Yeocomico	<input type="text"/>
Selden Island	<input type="text"/>	Watson	<input type="text"/>	Minguanan	<input type="text"/>	Monongahela	<input type="text"/>
Accokeek	<input type="text"/>	Mockley	<input type="text"/>	Sullivan Cove	<input type="text"/>	Susquehannock	<input type="text"/>
Wolfe Neck	<input type="text"/>	Clemson Island	<input type="text"/>	Shenks Ferry	<input type="text"/>		
Vinette	<input type="text"/>	Page	<input type="text"/>	Moyaone	<input type="text"/>		
				Potomac Cr	<input type="text"/>		

Historic Sherd Types

Earthenware		Ironstone	<input type="text"/>	Staffordshire	<input type="text"/>	Stoneware	
Astbury	<input type="text"/>	Jackfield	<input type="text"/>	Tin Glazed	<input type="text"/>	English Brown	<input type="text"/>
Borderware	<input type="text"/>	Mn Mottled	<input type="text"/>	Whiteware	<input type="text"/>	Eng Dry-bodie	<input type="text"/>
Buckley	<input type="text"/>	North Devon	<input type="text"/>	Porcelain	<input type="text"/>	Nottingham	<input type="text"/>
Creamware	<input type="text"/>	Pearlware	<input type="text"/>			Rhenish	<input type="text"/>
						Wt Salt-glazed	<input type="text"/>

All quantities exact or estimated minimal counts

Other Artifact & Feature Types:

Prehistoric Artifacts	
Flaked stone	<input type="text"/>
Ground stone	<input type="text"/>
Stone bowls	<input type="text"/>
Fire-cracked rock	<input type="text"/>
Other lithics (all)	<input type="text"/>
Ceramics (all)	<input type="text"/>
Rimsherds	<input type="text"/>
Other fired clay	<input type="text"/>
Human remain(s)	<input type="text"/>
Modified faunal	<input type="text"/>
Unmod faunal	<input type="text"/>
Oyster shell	<input type="text"/>
Floral material	<input type="text"/>
Uncommon Obj.	<input type="text"/>
Other	<input type="text"/>

Prehistoric Features

Mound(s)	<input type="text"/>	Storage/trash pit	<input type="text"/>
Midden	<input type="text"/>	Burial(s)	<input type="text"/>
Shell midden	<input type="text"/>	Ossuary	<input type="text"/>
Postholes/molds	<input type="text"/>	Unknown	<input type="text"/>
House pattern(s)	<input type="text"/>	Other	<input type="text"/>
Palisade(s)	<input type="text"/>		
Hearth(s)	<input type="text"/>		
Lithic reduc area	<input type="text"/>		

Lithic Material

Jasper	<input checked="" type="checkbox"/>	Fer quartzite	<input type="checkbox"/>	Sil sandstone	<input checked="" type="checkbox"/>
Chert	<input checked="" type="checkbox"/>	Chalcedony	<input type="checkbox"/>	European flint	<input type="checkbox"/>
Rhyolite	<input checked="" type="checkbox"/>	Ironstone	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Quartz	<input checked="" type="checkbox"/>	Argilite	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Quartzite	<input checked="" type="checkbox"/>	Steatite	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Sandstone	<input type="text"/>		

☐ Dated features present at site

Historic Artifacts	
Pottery (all)	<input type="text"/>
Glass (all)	<input type="text"/>
Architectural	<input type="text"/>
Furniture	<input type="text"/>
Arms	<input type="text"/>
Clothing	<input type="text"/>
Personal items	<input type="text"/>
Tobacco related	<input type="text"/>
Activity item(s)	<input type="text"/>
Human remain(s)	<input type="text"/>
Faunal material	<input type="text"/>
Misc. kitchen	<input type="text"/>
Floral material	<input type="text"/>
Misc.	<input type="text"/>
Other	<input type="text"/>

Historic Features

Privy/outhouse	<input type="text"/>	Depression/mound	<input type="text"/>	Unknown	<input type="text"/>
Const feature	<input type="text"/>	Well/cistern	<input type="text"/>	Burial(s)	<input type="text"/>
Foundation	<input type="text"/>	Trash pit/dump	<input type="text"/>	Railroad bed	<input type="text"/>
Cellar hole/cellar	<input type="text"/>	Sheet midden	<input type="text"/>	Earthworks	<input type="text"/>
Hearth/chimney	<input type="text"/>	Planting feature	<input type="text"/>	Mill raceway	<input type="text"/>
Postholes/molds	<input type="text"/>	Road/walkway	<input type="text"/>	Wheel pit	<input type="text"/>
Paling ditch/fence	<input type="text"/>				

All quantities exact or estimated minimal counts

Radiocarbon Data:

Sample 1:	<input type="text"/> +/- <input type="text"/> years BP	Reliability	Sample 2:	<input type="text"/> +/- <input type="text"/> years BP	Reliability	Sample 3:	<input type="text"/> +/- <input type="text"/> years BP	Reliability
Sample 4:	<input type="text"/> +/- <input type="text"/> years BP	Reliability	Sample 5:	<input type="text"/> +/- <input type="text"/> years BP	Reliability	Sample 6:	<input type="text"/> +/- <input type="text"/> years BP	Reliability
Sample 7:	<input type="text"/> +/- <input type="text"/> years BP	Reliability	Sample 8:	<input type="text"/> +/- <input type="text"/> years BP	Reliability	Sample 9:	<input type="text"/> +/- <input type="text"/> years BP	Reliability

☐ Additional radiocarbon results available



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Unknown ☐

External Samples/Data:

Collection curated at MAC, NPS?

☐ Additional raw data may be available online

Summary Description:

The New Jersey Monument site (18FR21) in Frederick County, MD is a small lithic scatter that was probably occupied throughout the Middle and Late Archaic, and into the Woodland. The site is situated on Huntington silt loams in the floodplain of the nearby Monocacy River and within the boundaries of the Monocacy Battlefield Park (an NPS property). The site has been known to local collectors for over 75 years. The field notes of John J. Snyder at the Maryland Historical Trust indicate that he was collecting in this vicinity as early as 1932. During a Phase I survey of the Monocacy Valley in the late 1970s, the site was re-identified and the researchers had an opportunity to interview local collectors and examine some collections of points from the site. According to one informant, a silicified sandstone fluted point was collected from the site several years ago. Seventeen other points are reported from amateur collections, including: 1 Neville, 1 Morrow Mountain I, 1 Otter Creek, 1 Lackawaxen, 1 Savannah River Stemmed, 1 Vernon, 1 Perkiomen, 3 Susquehanna Broadspears, 1 Meadowood, 3 Selby Bay stemmed, 1 Selby Bay side-notched (Variant A), 1 Selby Bay side-notched (Variant B), and 1 Levanna triangular point.

The first professional testing at the site was conducted by R. Christopher Goodwin & Associates in the spring of 1990 as part of the Monocacy Interceptor Sewer Line project. The site was within the area of potential impact along the roughly 10.2 km sewer line which now stretches from the Ballenger Creek Waste Water Treatment Plant to the City of Frederick Waste Water Treatment Plant. Fifty-five shovel tests and four 1 X 1 m units were excavated within 18FR21. An auger test was placed in the bottom of each of four shovel test units at 20-40 m intervals; these tests extended to an average of 87.5 cm below ground surface. No intact cultural features were encountered.

Twelve of the shovel tests and all four of the test units recovered prehistoric materials. The assemblage from the 1990 Phase I and II work consisted of 45 unmodified flakes, 7 cores, 2 ground/pecked stone objects, 10 retouched/utilized flakes, 1 amorphous biface, and 101.3 g of fire-cracked rock. Most of the collection was of quartz; no diagnostic artifacts were found.

In the summer and fall of 2001, the National Park Service conducted a controlled surface collection at the site to refine the site's boundaries and chronology and, if possible, to determine to what extent the site had been compromised by the installation of the earlier sewer interceptor. The impetus to this research was the relocation of the Monocacy National Battlefield visitor's center to the Best Farm portion of the park, which includes site 18FR21. A total of three diagnostic artifacts were collected from this site and include a Savannah River Stemmed point, a Selby Bay quarry blade, and a Halifax Side-Notched point. These diagnostic projectile points suggest a Late Archaic to Middle Woodland time period, which is consistent with the results of earlier work. Other artifacts were also recovered, but details and quantities are not provided in the body of the full report.

The site was revisited again in 2003 as part of a water main installation project along a corridor running parallel to the previously installed sewer line. Testing was undertaken at the site due to new information uncovered by NPS archeologists during the past several years concerning the nearby site 18FR110 and expansion in our understanding of the presence of deep alluvial deposits across much of the Monocacy River floodplain. Fourteen shovel tests and two 1 X 2 m test units were excavated within the portion of Site 18FR21 contained within the project corridor. From these excavations, 2 prehistoric period and 12 historic period artifacts were recovered.

The prehistoric artifacts that were recovered in 2003 are both chert debitage flakes. The historic artifact assemblage consisted of 11 kitchen-related items (1 sherd of whiteware and 10 pieces of bottle glass) and 1 arms-related item (a Minie ball).

The 2003 investigations concluded that there were major disturbances within the site from erosional scouring and trench excavations for the existing sewer interceptor trench, which have left few intact soils that might contain cultural features. Limited mechanical stripping of portions of the project corridor on the higher terrace landforms nearby failed to find any prehistoric features. The quantities and nature of the prehistoric assemblage within the project corridor, even in a primary context, are not sufficient to address important research questions. Thus, based on the 2003 work, the site was characterized as a heavily disturbed and very diffuse lithic scatter.

The site was revisited again during a 2013 Phase I survey associated with the planned replacement of Maryland Department of Transportation State Highway Administration Bridge 1008400 on MD 355 over the CSXT railroad. The area of site 18FR21 investigated during the 2013 study had not been subsurface tested prior to this investigation. The Phase I consisted of the excavation of 30 shovel test pits and one 5 x 5 ft test unit. All soil was screened through ¼ inch mesh. The 2013 survey confirmed that large portions of site 18FR21 have experienced major disturbances associated with several utility corridors that traverse the southern portion of the site; however, the portion of the site located farther back from the river and within the project LOD appeared to be still intact. Prehistoric artifacts (n=10) recovered from 18FR21 during this survey include one rhyolite Selby Bay/Fox Creek projectile point, one rhyolite tool, three quartz flakes, one quartz utilized flake with unifacial retouching, two pieces of quartz shatter, one piece of quartz fire cracked rock, and one jasper core, most of which were found in a buried A horizon.

The site was subjected to further investigations in 2015 as part of a Phase II evaluation within the LOD for the planned replacement of Maryland Department of Transportation State Highway Administration Bridge 1008400 on MD 355 over the CSXT railroad. Five 5 x 5 ft test units were excavated within this area to further investigate and evaluate the significance of a possible intact portion of the site located during the 2013 survey. Only six non-diagnostic, unmodified, prehistoric lithic artifacts were recovered from the 2015 excavations. These artifacts included three complete quartz flakes, a complete quartzite flake, a quartz flake fragment, and a single piece of quartz shatter. No features were observed. Excavations did confirm that a portion of this site is intact, but that this portion contains very low density deposits.

The diagnostic artifacts recovered to date at 18FR21, seem to indicate occupations ranging from the Middle Archaic through Late Woodland. There is also the possibility of a Paleo-Indian component, based on the one reported find of a fluted point from the site.

Archaeological investigations of the portion of site 18FR21 in the LOD for the planned replacement of Maryland Department of Transportation State Highway Administration Bridge 1008400 on MD 355 over the CSXT railroad indicated that this portion of the Wiles I site is not likely to provide sufficient data to address substantive research issues. The portion of the site in the LOD does not contain archaeological deposits or features that would contribute new or significant information regarding the prehistoric and historic occupations in the area. Therefore, it was recommended that the portion of 18FR21 within the LOD should be considered not eligible for the NRHP, and no further work was recommended in this portion of the site.

Further archaeological investigations may be required if other intact areas of the site will be impacted by future development.



Phase II and Phase III Archeological Database and Inventory

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		Other name(s)	Wiles I	Historic	<input type="checkbox"/>
Brief Description:	Paleoindian (possible), Middle & Late Archaic, and Early, Middle, & Late Woodland short-term resource procurement			Unknown	<input type="checkbox"/>

External Reference Codes (Library ID Numbers):

00006016, 00007031, 97001775, 97002586, 95002549